

# Manhole Inspection Summary

Manhole # S11E1\_005MH

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**Inspection** ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **11E1** Node: **005** Status: **Found**

Insp Date: **4/9/08 1:50 PM**

Incomplete Comments

Crew: **skwj**  
Inspector: **wjenkins**  
Firm: **PER**

**Location** Address: **1521 S. Edgewood St**

Cross Street: **Joh Ave**

**Manhole** Type: **Terminal**

Location: **Roadway**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments

**Cover**

Shape: **Circular**

Diameter: **32** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

**Frame**

Offset: **0** (in.)

Condition: ☐ Sound

☒ **Cracked**

☒ **Leaks**

**Chimney / Frame Adjustment**

☒ Exists Material: **Brick**

☐ Parged Height: **13** (in.)

Condition: ☐ Sound

☒ **Cracked**

☐ Root Intrusion

☒ **Loose Brick**

☐ Deteriorated

Infiltration: ☐ None

☒ **Joint**

☐ Cracks

☒ **Mortar**

☐ Roots

☐ Wall

**Corbel**

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound

☐ Cracked

☐ Root Intrusion

☐ Loose Brick

☐ Deteriorated

Infiltration: ☐ None

☐ Joint

☐ Cracks

☐ Mortar

☐ Roots

☒ **Wall**

**Barrel**

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **48** (in.) Length: **0** (in.)

Condition: ☒ Sound

☐ Cracked

☐ Root Intrusion

☐ Loose Brick

☐ Deteriorated

Infiltration: ☐ None

☐ Joint

☐ Cracks

☐ Mortar

☐ Roots

☒ **Wall**

**Bench**

☒ Exists Material: **Brick**

☐ Parged

Condition: ☒ Sound

☐ Cracked

☐ Root Intrusion

☐ Deteriorated

☐ Leaks

☐ Debris

**Channel**

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open**

Junc Dist: **0**

nearest .5 ft.

Azimuth: **0**

Condition: ☒ Sound

☐ Cracked

☐ Root Intrusion

☐ Deteriorated

☐ Leaks

☐ Debris

**Steps**

Count: **5**

Missing: **0**

☒ **Corroded**

**Surcharge**

☐ Evidence Of Surcharge

Depth: **0** (ft.)

☐ Active Surcharge Present

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Location View



Top View



Defect 2



Corroded steps

Defect 1



Cracked frame

Defect 5



Frame cracked

Defect 8



Signs of infiltration near steps

Defect 7



Signs of infiltration from top / Loose bricks and mortar

Defect 6



Loose bricks and mortar under frame/  
Infiltration at chimney

Defect 5



Frame cracked and leaks

Defect 4



Loose Bricks at the chimney and  
Infiltration in chimney and corbel.

Defect 3



Evidence of infiltration at Chimney

Defect 10



Infiltration along walls

### Defect9



Signs of infiltraiton from top and along entire manhole wall

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8 in. Circular Gravity Sewer  
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **7.2** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **11.01** (ft.) Flow Characteristics: **None**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **0** (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection